

Title (en)  
SOLENOID POSITIONING METHODOLOGY

Title (de)  
METHODOLOGIE ZUR POSITIONIERUNG EINES ELEKTROMAGNETEN

Title (fr)  
METHODOLOGIE DE PLACEMENT DE SOLENOIDE

Publication  
**EP 1742773 A4 20091202 (EN)**

Application  
**EP 05731519 A 20050401**

Priority  

- US 2005011074 W 20050401
- US 55934404 P 20040402
- US 9567405 A 20050331

Abstract (en)  
[origin: US2005217873A1] A method for calibrating a power tool having a roller, a driver and a solenoid. The solenoid has a body and a rod and is coupled to the roller so as to be capable of selectively advancing the roller toward the driver. The method includes: locating the roller onto a predetermined portion of the driver; moving the body of the solenoid in a first direction until the occurrence of a first predetermined condition, the first direction being in a direction that causes the roller to be driven toward the driver; after the occurrence of the first predetermined condition, moving the body of the solenoid in a second direction opposite the first direction until the occurrence of a second predetermined condition and thereafter securing the body of the solenoid to inhibit further movement of the body of the solenoid.

IPC 8 full level  
**B25C 1/06** (2006.01); **B25C 5/15** (2006.01); **B25D 1/00** (2006.01)

CPC (source: EP US)  
**B25C 1/06** (2013.01 - EP US)

Citation (search report)  

- [A] CA 1241151 A2
- [A] US 4129240 A 19781212 - GEIST BERNARD W
- [A] US 5098004 A 19920324 - KERRIGAN JAMES E [US]
- See references of WO 2005097428A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2005217873 A1 20051006; US 7503401 B2 20090317**; EP 1742773 A2 20070117; EP 1742773 A4 20091202; WO 2005097428 A2 20051020; WO 2005097428 A3 20080117

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